

Supplier:  
 Permatex, Inc.  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: 82565 PLASTIC BONDER 2G PART 2  
 Item No: AC70D  
 Product Type: Activator

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
ACETONE 67-64-1	90-100	500 ppm TWA; 1188 mg/m3 TWA	1000 ppm TWA; 2400 mg/m3 TWA
SUBSTITUTED AMINE MIXTURE	0.1-1.0		

### 3. HAZARDS IDENTIFICATION

**Toxicity:** Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. May cause nose, throat and respiratory irritation. May cause skin irritation in sensitive individuals. Aspiration hazard if swallowed. May cause moderate eye irritation. Prolonged exposure may cause liver and kidney effects and may affect the central nervous system.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.

**Signs and Symptoms of Exposure:** Coughing, chest pains, difficulty breathing, lung irritation, edema (which can be fatal), gastrointestinal disturbances, nausea, headache, vomiting, narcosis, coma and asphyxia. Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing, redness, stinging, blurred vision and corneal injury.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
ACETONE 67-64-1	90-100		A4 - Not Classifiable as a Human Carcinogen	

**Medical Conditions Recognized as Being Aggravated by Exposure:** Heart disease and respiratory disorders. Preexisting skin disorders.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** 1.4 degrees F, Method: Tag Closed Cup

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus.

**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors.

**Unusual Fire/Explosion Hazards:** Vapors may travel from container toward sources of ignition and flashback.

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**Lower Explosive Limit:** 2.5  
**Upper Explosive Limit:** 12.8

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

## **7. HANDLING AND STORAGE**

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Keep in cool and dark place. Avoid direct sunlight.  
**Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Do not use near heat, sparks or open flame. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses or goggles.  
**Skin:** Rubber or plastic gloves  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.  
**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear liquid  
**Odor:** Ketone odor.  
**Boiling Point (°F):** 133 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** Complete  
**Specific Gravity:** 0.79  
**VOC Content(Wt.%):** 99.9% by weight; 680 g/l  
**Vapor Pressure:** 181 mm Hg @ 20 degrees C.  
**Vapor Density (Air=1):** 2.0 (air = 1)  
**Evaporation Rate:** >7 (ether = 1)

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** Strong oxidizers.  
**Conditions to Avoid:** High temperatures.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Irritating vapors.

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** D001 as per 40CFR 261.21

## **14. TRANSPORT INFORMATION**

**DOT (49CFR 172)**  
**Domestic Ground Transport**

**DOT Shipping Name:** Consumer Commodity (not more than one liter)  
**Hazard Class:** ORM-D

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**UN/ID Number:** None  
**Marine Pollutant:** None  
**IATA**  
**Proper Shipping Name:** Consumer Commodity (Not more than 500 ml)  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000  
**IMDG**  
**Proper Shipping:** Acetone, Solution, Limited Quantity  
**Hazard Class:** Class 3, PG II  
**UN Number:** UN 1090

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.  
NONE

### **CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

### **TSCA Inventory Status:**

All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 1, FLAMMABILITY 3, REACTIVITY 0  
**Estimated HMIS Classification:** HEALTH 1, FLAMMABILITY 3, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.  
HMIS is a registered trademark of the National Paint and Coatings Assn.

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